ABSTRACT OF THE DISCLOSURE

As an XML signature and encryption procedure analyzing section 107 is executed on the basis of input of an XML signature and encryption procedure list 106 and an XML schema 108 of a target element, an XML signature and encryption procedure 109 that meets all the required procedures is outputted. An XML signature and encryption module output section 110 generates a module 111 for performing digital signature and encryption to XML with reference to the XML signature and encryption procedure 109.